

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins
Term:	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$) with (interface\$) with (server\$))
Display:	10 Documents in Display Format: KWIC Starting with Number 1
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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DATE: Friday, June 24, 2005 [Printable Copy](#) [Create Case](#)

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side by side			
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$) with (interface\$) with (server\$))	44	<u>L12</u>
<u>L11</u>	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$) with interface\$)	213	<u>L11</u>
<u>L10</u>	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$))	1186	<u>L10</u>
<u>L9</u>	((client\$ or user\$) with (order\$ or config\$ or activat\$) with (service\$) with (network\$))	1847	<u>L9</u>
<u>L8</u>	((client\$ or user\$) with (order\$ or config\$ or activat\$) with (service\$))	7639	<u>L8</u>
<u>L7</u>	L5 and (user with configurable with service\$)	12	<u>L7</u>
<u>L6</u>	L5 and (user with configurable with service\$.ab.	0	<u>L6</u>
<u>L5</u>	L4 and network\$.ab.	8518	<u>L5</u>
<u>L4</u>	709/\$.ccls.	18123	<u>L4</u>
<u>L3</u>	L2 and network\$.ab.	0	<u>L3</u>
<u>L2</u>	709?4.ccls.	0	<u>L2</u>

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Generate Collection

L12: Entry 17 of 44

File: USPT

Oct 7, 2003

DOCUMENT-IDENTIFIER: US 6631186 B1

TITLE: System and method for implementing and accessing call forwarding services

CLAIMS:

7. A system for implementing a call forwarding service of a subscriber, comprising: a service control point, which processes telephone calls in a public switched telecommunications network, said service control point comprising a database of call forwarding service data corresponding to a telephone number of the subscriber, the call forwarding service data comprising a call forwarding schedule; a Web server in a packet switched data network, which provides the call forwarding service data to a graphical user interface, said Web server receiving first instructions from the graphical user interface for defining the call forwarding schedule, including identifying a plurality of activation and deactivation times and at least one forward-to number corresponding to the plurality of activation times, and for activating and deactivating the call forwarding schedule; an interactive voice response system in the public switched telephone network, which provides the call forwarding service data to a dual tone multi-frequency (DTMF) telephone, said interactive voice response system receiving second instructions from the DTMF telephone for controlling the call forwarding schedule defined via the graphical user interface, including activating and deactivating the call forwarding schedule; and a service management system comprising a communications interface between said service control point and said Web server and further comprising a communications interface between said service control point and said interactive voice response system said service management system being configured to communicate each of the first instructions and the second instructions to said service control point, which accordingly updates the call forwarding service data and processes calls to the telephone number of the subscriber in accordance with the updated call forwarding service data.

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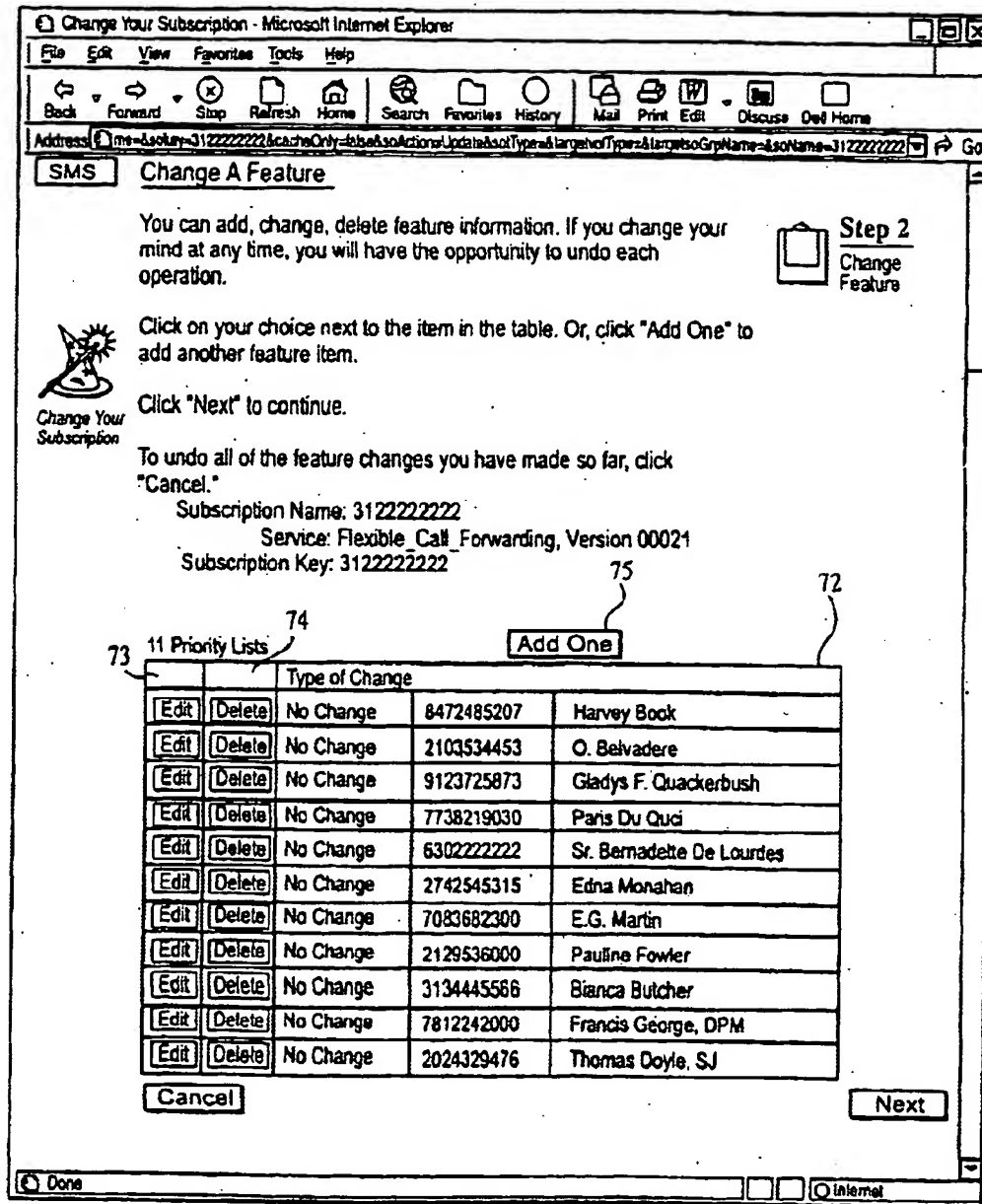


FIG. 6



US006631186B1

(12) United States Patent
Adams et al.**(10) Patent No.: US 6,631,186 B1**
(45) Date of Patent: Oct. 7, 2003**(54) SYSTEM AND METHOD FOR
IMPLEMENTING AND ACCESSING CALL
FORWARDING SERVICES****(58) Field of Search** 379/88.18, 221.08,
379/221.09, 211.02**(75) Inventors:** Thomas Lee Adams, Austin, TX (US);
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(US); Stephen Mark Mueller, Austin,
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Sabinson, San Antonio, TX (US); Paul
Wilczynski, Cary, IL (US); Elizabeth
Goldwyn Gibson, Austin, TX (US)**(56) References Cited****U.S. PATENT DOCUMENTS**

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5,054,055 A	10/1991	Hanle et al.
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(List continued on next page.)

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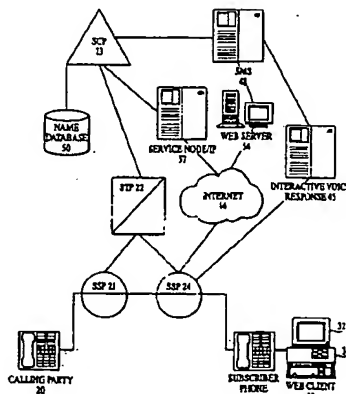
OTHER PUBLICATIONS

Internet web pages by Z-Tel, "Personal Communications Center", dated Apr. 13, 2000 and May 15, 2000.

(List continued on next page.)

(73) Assignee: SBC Technology Resources, Inc.,
Austin, TX (US)**(*) Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.**Primary Examiner**—Ahmad F. Matar**Assistant Examiner**—Hector Agdeppa**(74) Attorney, Agent, or Firm**—Greenblum & Bernstein,
P.L.C.**(57) ABSTRACT**

A system and method include implementing and accessing a subscriber's telecommunications services, using a graphical user interface (GUI) via the Internet, and an interactive voice response (IVR) system via the public switched telecommunications network (PSTN). The system and method enable a subscriber to review, schedule and modify call forwarding information stored and implemented by a service control point (SCP) through a common server from any dual tone multi-frequency (DTMF) telephone and IVR system via the PSTN or any GUI and Web client via the Internet. The subscriber is able to build and edit call forwarding data, such as a scheduler and priority and rejection screening lists, by the GUI via the Internet for subsequent implementation.

(21) Appl. No.: 09/716,276**(22) Filed:** Nov. 21, 2000**Related U.S. Application Data****(63)** Continuation-in-part of application No. 09/619,312, filed on
Jul. 19, 2000, and a continuation-in-part of application No.
09/545,459, filed on Apr. 7, 2000.
(60) Provisional application No. 60/128,474, filed on Apr. 9,
1999.**(51) Int. Cl.⁷** H04M 3/42; H04M 7/00**(52) U.S. Cl.** 379/201.12; 379/211.02;
379/221.08**24 Claims, 34 Drawing Sheets**

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L12: Entry 30 of 44

File: USPT

Oct 31, 2000

DOCUMENT-IDENTIFIER: US 6141699 A

TITLE: Interactive display system for sequential retrieval and display of a plurality of interrelated data sets

Detailed Description Text (25):

Considering once again our exemplary embodiment wherein a Lotus Notes application program 203 on a server computer 202 is to be monitored by the AMA probe 201. Once the probe configuration information 302 has been entered into the graphical interface 301, the AMA probe executable code 303 resident on the client computer system 106 utilizes an application program interface (API) 304 for the application program on the server computer, in the same manner as an end-user client seeking the services of the application program 203 over the network 200. However, the frequency of access, userid, password, etc. with which the probe code 303 requests the service response from the application program interface 304 are dictated by the probe configuration information 302 supplied through the graphical interface 301. In the case of the Lotus Notes application 203 the AMA code 303 utilizes the Notes APIs 304 included in Lotus VIM (Vendor Independent Messaging) API Toolkit.

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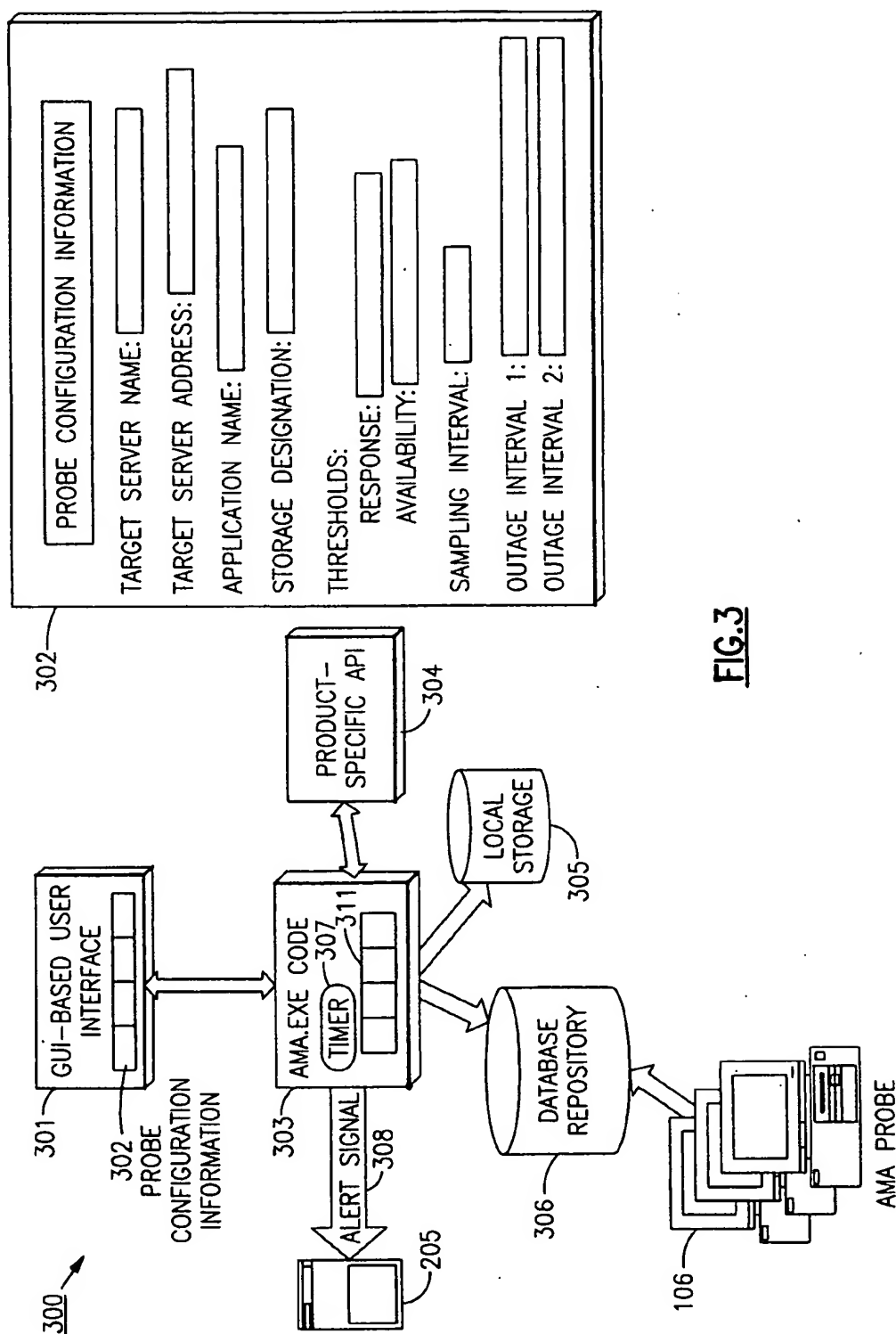


FIG. 3

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L12: Entry 35 of 44

File: USPT

Jan 4, 2000

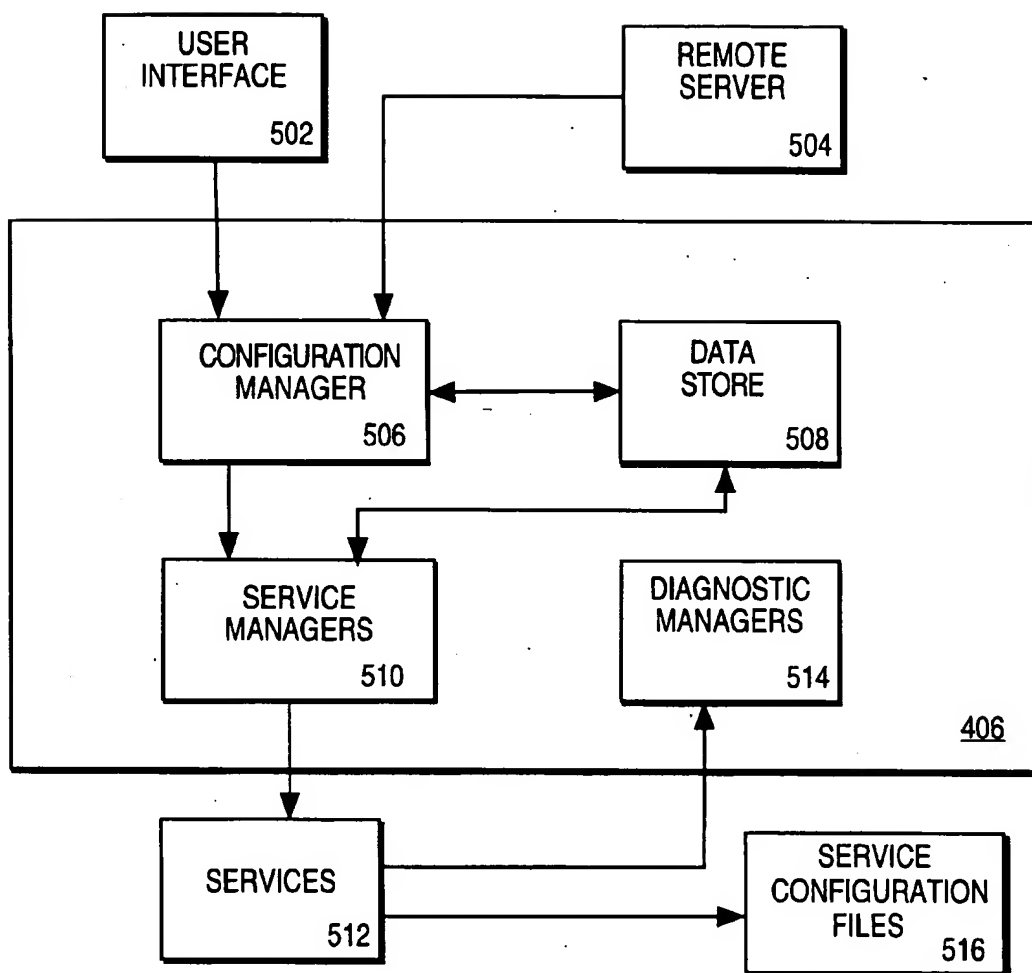
DOCUMENT-IDENTIFIER: US 6012100 A

TITLE: System and method of configuring a remotely managed secure network interface

CLAIMS:

10. The method of claim 8 wherein said configuration manager is configured to accept a service request from either said user interface on said client computer or a remote process on a remote management server coupled to said network interface device through a second network.

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**FIG. 5**

Freeform Search

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	IBM Technical Disclosure Bulletins		
Term:	L4 and (subscriber\$ with select\$ with feature\$)		
Display:	10	Documents in Display Format: KWIC	Starting with Number 1
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image			

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Search History

DATE: Friday, June 24, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	<i>Larkins</i>		
	DB=USPT; PLUR=YES; OP=ADJ		
<u>L13</u>	L4 and (subscriber\$ with select\$ with feature\$)	22	<u>L13</u>
<u>L12</u>	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$) with (interface\$) with (server\$))	44	<u>L12</u>
<u>L11</u>	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$) with interface\$)	213	<u>L11</u>
<u>L10</u>	((client\$ or user\$) with (config\$ or activat\$) with (service\$) with (network\$))	1186	<u>L10</u>
<u>L9</u>	((client\$ or user\$) with (order\$ or config\$ or activat\$) with (service\$) with (network\$))	1847	<u>L9</u>
<u>L8</u>	((client\$ or user\$) with (order\$ or config\$ or activat\$) with (service\$))	7639	<u>L8</u>
<u>L7</u>	L5 and (user with configurable with service\$)	12	<u>L7</u>
<u>L6</u>	L5 and (user with configurable with service\$.ab.	0	<u>L6</u>
<u>L5</u>	L4 and network\$.ab.	8518	<u>L5</u>
<u>L4</u>	709/\$.ccls.	18123	<u>L4</u>
<u>L3</u>	L2 and network\$.ab.	0	<u>L3</u>

L2 70974.ccls.
L1 6687733.pn.

0 L2
1 L1

END OF SEARCH HISTORY

Larkins (applicant)

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L13: Entry 16 of 22

File: USPT

Sep 25, 2001

DOCUMENT-IDENTIFIER: US 6295291 B1

TITLE: Setup of new subscriber radiotelephone service using the internet

Abstract Text (1):

A potential radiotelephone service subscriber logs on to a world wide web server (105) using an internet access device (101). The potential subscriber is presented with a plurality of selectable radiotelephone services and features. The potential subscriber then provides the billing system (130) with credit information that is validated through the credit validation system (140). A radiotelephone service profile is stored in the home location register (110) after the subscription process has been completed. The subscriber is then instructed to power up the radiotelephone that then registers with the system. An over-the-air activation function (135) collects data from the billing system (130) and an authentication center (125) and sends the data to the mobile switching center (115) that then transmits it through the base station (120) to the radiotelephone. The radiotelephone reprograms its own registers with the appropriate data.

Brief Summary Text (10):

The potential radiotelephone service subscriber logs on to the internet coupled server with the internet access device and selects from the plurality of radiotelephone services and features. The selected features and services are saved as the radiotelephone profile.

Detailed Description Text (8):

The billing system (130), coupled to the web server (105) is a billing server computer that performs billing processes, keeps records on the subscribers in the service provider's system, and sends the selected radiotelephone service features to a home location register (HLR) (110). The billing processes include tracking the subscriber's service plan and air time rates, tracking the subscriber's air time, and tracking the features that the subscriber has chosen. All of these factors enter into the bill that the subscriber receives. Therefore, if the subscriber changes his profile, the billing system must know in order to change the billing for the subscriber.

Detailed Description Text (18):

The MSC (115) additionally performs the switching required by any of the features selected by the subscriber. Assume, for example, that the subscriber has purchased call forwarding. The subscriber enters into their radiotelephone the telephone number to which all incoming calls are to be forwarded. This information is transmitted to and stored in the HLR. When a call is received for the subscriber's radiotelephone number, the MSC finds the forwarding number in the profile received from the HLR and routes the call to the PSTN, or other MSCs, depending on the forwarding number.

Current US Cross Reference Classification (3):709/219Current US Cross Reference Classification (4):709/227

Profile Management System

File Edit View Go Bookmarks Options Directory Window Help

Back Forward Home Reload Images Open Print Find Stop

PCS MART
Sponsored by:

Menu

310 Home

311

312

313 Try Before U Buy™

314

315 Available Features

316 Feature Help

317 Help/Support

Dallas Telephone Co.

Please type your name and passcode below.
Click on Enter to start subscription process.

Name: 301

Radiotelephone brand: 305

Enter Reset

FIG. 3

Call Forwarding

Unconditional:	<input type="checkbox"/> activate	<input type="checkbox"/> deactivate	<input type="checkbox"/> time-of-day	Setup TOD Choices
	<input type="checkbox"/> voice mail	<input type="checkbox"/> number	<input type="text"/>	
Busy:	<input type="checkbox"/> activate	<input type="checkbox"/> deactivate	<input type="checkbox"/> time-of-day	Setup TOD Choices
	<input type="checkbox"/> voice mail	<input type="checkbox"/> number	<input type="text"/>	
No Answer:	<input type="checkbox"/> activate	<input type="checkbox"/> deactivate	<input type="checkbox"/> time-of-day	Setup TOD Choices
	<input type="checkbox"/> voice mail	<input type="checkbox"/> number	<input type="text"/>	

Custom Features

- Extension Phone Service: You are not signed-up for this service [Sign-Up Info...](#)
- Distinctive Ringing/Call Block [Configure...](#)

602 SUBMIT Reset 601

FIG. 6

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L13: Entry 5 of 22

File: USPT

Jun 8, 2004

DOCUMENT-IDENTIFIER: US 6748439 B1

TITLE: System and method for selecting internet service providers from a workstation that is connected to a local area network

Detailed Description Text (50):

A subscriber can have a number of different connection profiles. The profiles can be any one of the following (and others as they are defined): 1) direct Connection (nailed up) to NSP; 2) multiple NSP service option, subscriber makes all configuration changes manually when changing service; 3) multiple services with dynamic service selection; 4) there can be multiple subscribers attached to a given CPE device, each with a different connection profile; and 5) multiple services with dynamic service selection and the ability to go to multiple destinations simultaneously, this is a future feature.

Current US Original Classification (1):709/229Current US Cross Reference Classification (4):709/227

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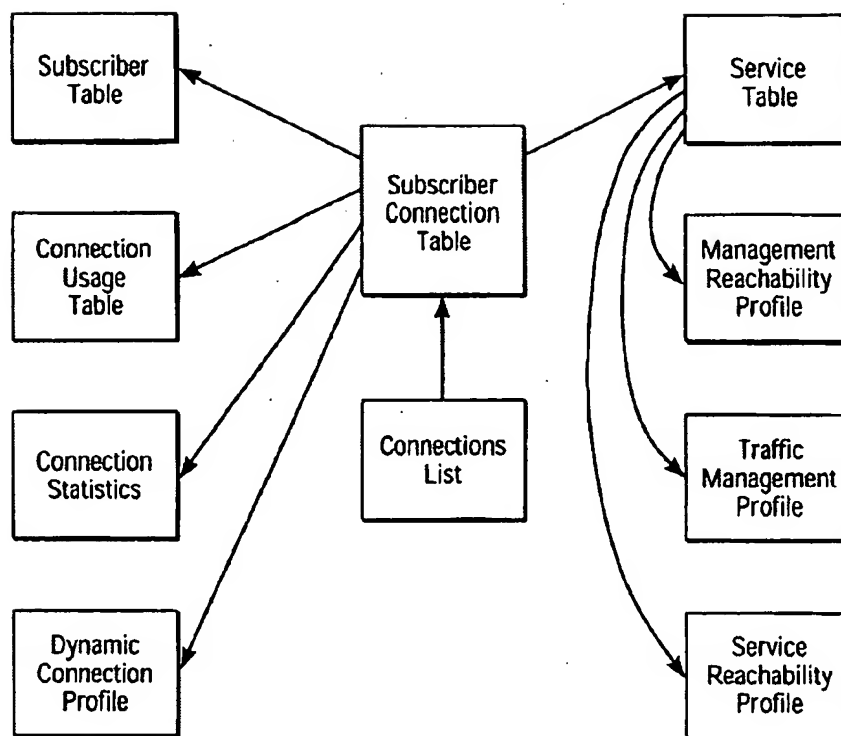


FIG. 5



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L13: Entry 8 of 22

File: USPT

Feb 17, 2004

DOCUMENT-IDENTIFIER: US 6694316 B1

TITLE: System and method for a subject-based channel distribution of automatic, real-time delivery of personalized informational and transactional data

Current US Cross Reference Classification (8):
709/203

Current US Cross Reference Classification (9):
709/206

Current US Cross Reference Classification (10):
709/217

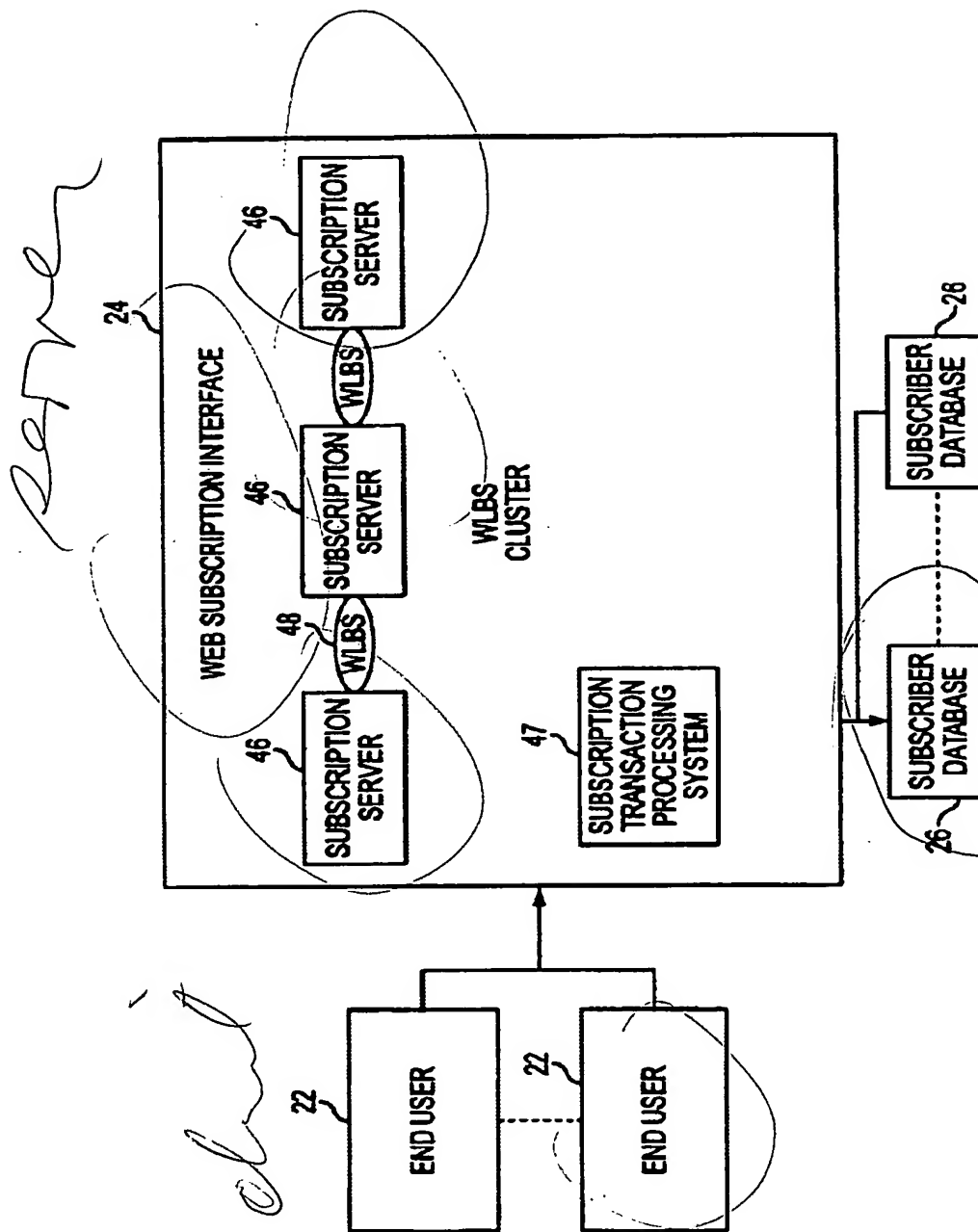
Current US Cross Reference Classification (11):
709/223

CLAIMS:

3. The system of claim 1 wherein a subscriber may select personalization features to be applied for the service.

13. The method of claim 11 further comprising the step of enabling a subscriber to select personalization features to be applied for the service.

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L13: Entry 17 of 22

File: USPT

Aug 21, 2001

DOCUMENT-IDENTIFIER: US 6279013 B1

TITLE: Interactive newspaper

Detailed Description Text (6):

The selector 34 receives the subscriber profile and selects the subscriber features and a portion of the plurality of articles from the article storage 30 in response to the particular subscriber profile. The selector communicates a list of the articles, comprising references, features, services and programs to the token generator 36, which determines which of these items is to be associated with the token in the document format. As noted above, the tokens preferably comprise dataglyphs which necessarily identify the identity of the document, including its edition, the subscriber and the particular items with which the tokens are associated. The document content selector 34 is also directly communicated to the combiner, encoder layout engine 38, which combines the subscriber features and selected portion of the content into a document format including the embedded tokens disposed for indication of the subscriber redactions. The format will thus coincide and be printed by printer 40 in a form such as illustrated in FIG. 1. The printed document 42 is thus read and redacted at step 44.

Current US Cross Reference Classification (3):

709/217

CLAIMS:

4. A system for generating a newspaper customized to a profile of a subscriber in response to a subscriber redaction imprinted by a subscriber on a preexisting form of the newspaper, comprising:

an article storage for holding newspaper content comprised of a plurality of articles and features susceptible for publication in the newspaper; a profile storage for holding a subscriber profile indicative of article subject matter and subscriber features preferred by the subscriber;

a selector for receiving the subscriber profile and for selecting the subscriber features and a portion of the plurality of articles from the article storage in response to the subscriber profile;

a layout engine for combining the subscriber features and selected portion into a newspaper format including a token selectively identifying the newspaper and the subscriber;

a printer for printing the newspaper in the newspaper format;

a scanner for receiving the newspaper and identifying the subscriber redaction;
and,

a profile processor for updating the subscriber profile held in the profile storage in response to the subscriber redaction.

7. The system as claimed in claim 6 wherein a first glyph region identifies the newspaper and the subscriber and a second glyph region identifies either the subscriber features or the selected portion.

13. The method as claimed in claim 10 wherein the scanning includes identifying subscriber indicia associated with the token, the subscriber features or the selected portion.

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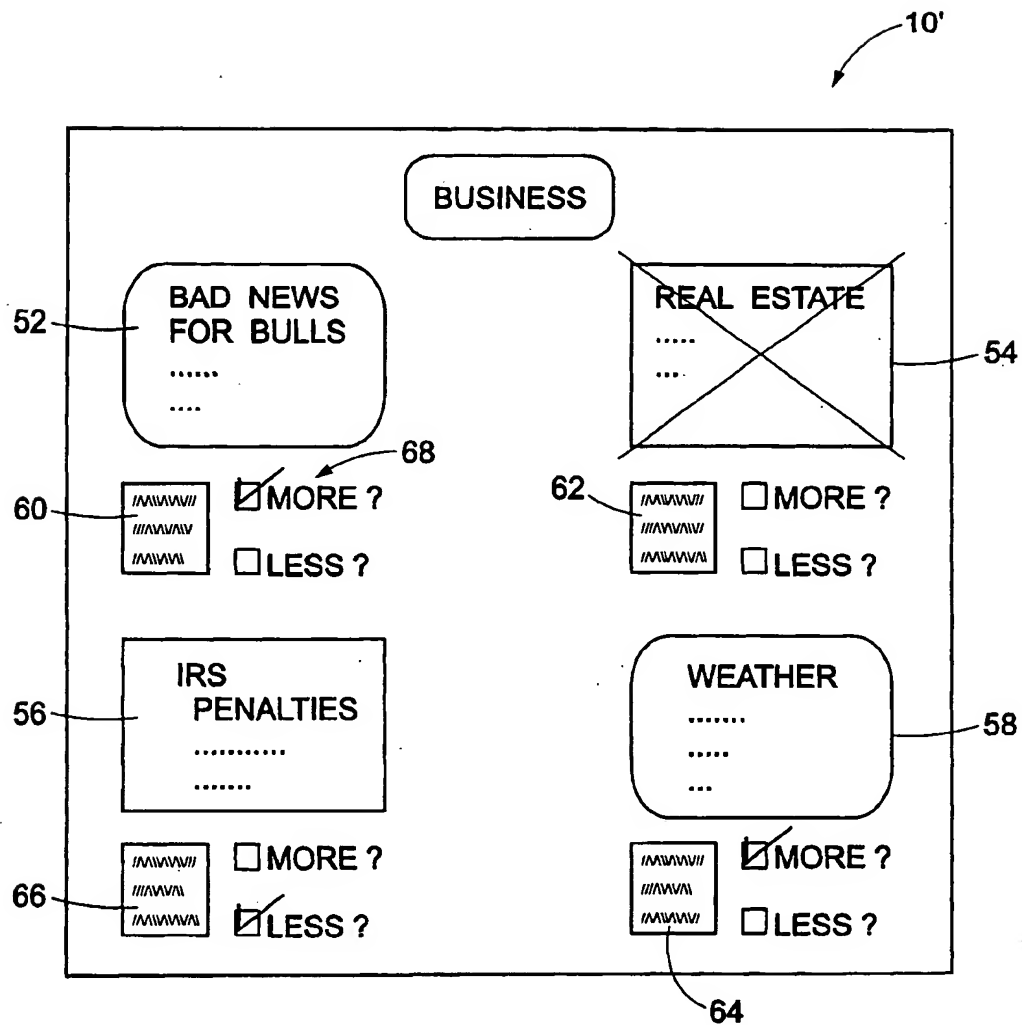


FIG. 3